TRANSMITTAL LETTER	
hore Application of: MESTACH, D. et al. OCT 1 4 2003 Serial No.: 10/620,939 MADEN Filing Date: July 15, 2003	: : Docket: ANR 2951 US : : Examiner: : : Group Art Unit:
Title: METHOD FOR MAKING METHACRYLATE UNIT-CONTAINING LOW-POLYDISPERSITY POLYMERS	CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	as First-Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 10, 2003 Lynn Brush
Sir: ☑ Transmitted herewith find the document(s) related to 1. TRANSMITTAL LETTER IN DUPLICATE; 2. INFORMATION DISCLOSURE STATEMENT; 3. PTO-1449 FORM; 4. DOCUMENTS (23); 5. CERTIFICATE OF MAILING; and 6. POST CARD	•
	vo Months (\$ 420.00) ur Months (\$1480.00)
The total fee believed due is \$0.00. Please charge this may be due (including filing fees under 37 CFR 1.16 1.17) to Deposit Account No. 01-1350. If an extens been requested above, Applicant hereby petitions for an attached document(s) to be timely. A duplicate copy of	and processing fees under 37 CFR sion of time is required but has not extension of time sufficient for the
Respec	tfully submitted.

Attorney for Applicant(s) Reg. No. 37,791

Akzo Nobel Inc. **Intellectual Property Department** 7 Livingstone Avenue Dobbs Ferry, NY 10522-3408 Tel No.: (914) 674-5459



PATENT

Examiner:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MESTACH, D. et al.

Docket: ANR 2951 US

Serial No.: 10/620,939

Filing Date: July 15, 2003

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Title: METHOD FOR MAKING METHACRYLATE

UNIT-CONTAINING LOW-POLYDISPERSITY:

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on <u>October 10, 2003</u>

I vnn Brush

INFORMATION DISCLOSURE STATEMENT

In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto to be made of record in the above-identified case. A listing of said documents on form PTO-1449 is also attached.

The present Information Disclosure Statement is being filed within three months of the filing date; therefore, no filing fee is believed to be required. If a filing fee is required, the Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of said fee.

A copy of the European Search Report dated October 10, 2002 is enclosed herewith.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,

Michelle J. Burke

Attorney for Applicant(s)

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OCT 1 4 2003 INFORMATION DISCLOSURE Atty. Docket # Serial No. CITATION (Use several sheets if necessary) ANR 2951 US 10/620,939 PTO-1449 (modified) **Applicant** Mestach, D. et al. Filing Date Group Art Unit July 15, 2003 **U.S. PATENT DOCUMENTS** Document Number Init Date Name Subclass Class Filing Date 5,359,018 10-1994 Yeh 526 221 5,439,980 08-1995 Yutani et al. 525 276 6,143,848 11-2000 Lee et al. 212 526 FOREIGN PATENT DOCUMENTS Document Number Publ. Country Class Subclass Translation Date Yes No 489 370 B1 06-1992 C08F **European Patent Office** 20/12 947 527 A1 10-1999 **European Patent Office** CO8F 293/00 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) continued on page 2 of 2 European Search Report Application No. EP 02 07 8004 dated October 10, 2002. Matyjaszewski, et al., "Living' and Controlled Radical Polymerization," Journal of Physical Organic Chemistry, Vol. 8, No. 4 (1995) p.p. 306-315. Gaynor, et al., "Controlled Radical Polymerization by Degenerative Transfer: Effect of the Structure of the Transfer Agent," Macromolecules 1995, Vol. 28, No. 24, p.p. 8051-8056. Butté et al., "Miniemulsion Living Free Radical Polymerization of Styrene," Macromolecules 2000, Vol. 33, No. 9, p.p. 3485-3487. Lansalot, et al., "Controlled Free-Radical Miniemulsion Polymerization of Styrene Using Degenerative Transfer," Macromolecules 1999, Vol. 32, No. 22, p.p. 7354-7360. Goto, et al., "Mechanism and Kinetics of Iodide-Mediated Polymerization of Styrene," Macromolecules 1998, Vol. 31, No. 9, p.p. 2809-2814. Matyjaszewski, et al., "Controlled Radical Polymerizations: The Use of Alkyl Iodides in Degenerative Transfer," Macromolecules 1995, Vol. 28, No. 6, p.p. 2093-2095. Farcet, et al., "Polystyrene-block-poly(butyl acrylate) and polystyrene-block-poly[butyl acrylate)-costyrene] block copolymers prepared via controlled free-radical miniemulsion polymerization using degenerative iodine transfer," Macromol. Rapid Commun. 2000, Vol. 21, No. 13, p.p. 921-926. Website document for Klumperman, B. at the UNESCO School & South African IUPAC conference on Macromolecular and Materials Science, March 29-31, 1999. Website document for Klumperman, B. at the UNESCO School & South African IUPAC conference on Macromolecular and Materials Science, April 10-12, 2000. **EXAMINER** DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



EXAMINER

Atty. Docket # Serial No. THE PROPERTY ATION DISCLOSURE CITATION (Use several sheets if necessary) 10/620,939 ANR 2951 US PTO-1449 (modified) Applicant Mestach, D. et al. Group Art Unit Filing Date July 15, 2003 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) (continued from page 1) Lissi et al., "Methyl Methactylate Polymerization in the Presence of Iodine," J. Polym Sci., Polymer Letters Edition, Vol. 14, No. 8 (1976), p.p. 499-502. Derwent Abstract Number 1976:494752 abstracting Lissi et al., J. Polym. Sci., Polym. Lett. Ed. (1976), 14(8), p.p. 499-502. Ghosh et al., "Chain Transfer in Presence of Halogens in the Polymerization of Methylmethacrylate," J. Polym. Sci., Polymer Letters Edition, Vol. 13, No. 1 (1975), p.p. 35-38. Derwent Abstract Number 1975:125644 abstracting Ghosh et al., J. Polym. Sci., Polym. Lett. Ed. (1975), 13(1), p.p. 35-38. Stolzenbach, H., "Cross-Linking of Binding Agents for Paints, " Advances in Organics Coatings Science and Technology Series (1989), Vol. 11, p.p. 246-259. Ooka, M., "Recent Developments in Crosslinking Technology for Coating Resins," DIC Tech. Rev. (1995), No. 1, p.p. 1-8. Geurts et al., "Syntheses of New Amino-Functionalized Methacrylates and Their Use in Free Radical Polymerizations, "Journ. Of Applied Polm. Sci. 2001, Vol. 80, No. 9, p.p. 1401-1415. Wicks et al., "Blocked isocyanates III: Part A. Mechanisms and chemistry, " Prog. Org. Coat. 36 (1999), p.p. 148-172.

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